



COUNTY OF SAN DIEGO
DEPARTMENT OF PLANNING AND LAND
USE
BUILDING DIVISION

SUPPLEMENTAL CORRECTION LIST – No. 8
Non-Residential Accessibility Regulations

Stairways

PLAN CHECK NUMBER:

OWNER:

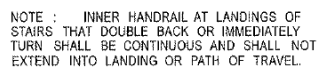
STAIRWAY REQUIREMENTS

1. Stairways shall have handrails on each side, and every stairway required to be more than 88 inches in width shall be provided with not less than one intermediate handrail for each 88 inches of required width. Intermediate handrails shall be space approximately equally across with the entire width of the stairway. Handrails shall be continuous along both sides of a stairway.
CBC Sec. 1133B.4.1.1
2. The top of handrail gripping surface shall be mounted between 34 to 38 inches above the nosing of the treads.
CBC Sec. 1133B.4.2.1
3. Handrails shall extend a minimum of 12 inches beyond the top nosing and 12 inches, plus the tread width, beyond the bottom nosing. At the top, the extension shall be parallel with the floor or ground surface. At the bottom, the handrail shall continue to slope for a distance of the width of one tread from the bottom riser; the remainder of the extension shall be horizontal. See Figures 11B-35 and 11B-37.
CBC Sec. 1133B.4.2.2
4. Ends shall be returned smoothly to floor, wall or post.
CBC Sec. 1133B.4.2.3
5. The orientation of at least one handrail shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing, and shall not reduce the minimum required width of the stairs.
CBC Sec. 1133B.4.2.4
6. Handrails projecting from a wall shall have a 1½ inch space between the wall and the handrail. Handrails may be located in a recess if the recess is a maximum of 3 inches deep and extends at least 18 inches above the top of the rail. Handrails shall not rotate in their fittings.
CBC Sec. 1133B.4.2.5
7. The handgrip portion of handrails shall be not less than 1¼ inches or more than 1½ inches in cross-sectional nominal dimension or the shape shall provide an equivalent gripping surface. The handgrip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Edges shall have a minimum radius of 1/8 inch.
CBC Sec. 1133B.4.2.6
8. Tactile floor designation signs shall be located at each floor level landing in all enclosed stairways in buildings two or more stories in height to identify the floor level. At exit discharge level, the sign shall include a raised five-pointed star located to the left of the identifying floor level. The outside diameter of the star shall be the same as the height of the raised characters.
CBC Sec. 1133B.4.3
9. The upper approach and the lower tread of each stair shall be marked by a strip of clearly contrasting color at least 2 inches wide placed parallel to and not more than 1 inch from the nose of the step or landing to alert the visually impaired. The strip shall be of material that is at least as slip resistant as the other treads of the stair.
CBC Sec. 1133B.4.4
10. Where stairways occur outside a building, the upper approach and all treads shall be marked by a strip of clearly contrasting color at least 2 inches wide and placed parallel to and not more than 1 inch from the nose of the step or landing to alert the visually impaired. The strip shall be of a material that is at least as slip resistant as the other treads of the stair. A painted strip shall be acceptable.
CBC Sec. 1133B.4.4
11. All tread surfaces shall be slip resistant. Weather-exposed stairs and approaches shall be designed so that water will not accumulate on the walking surfaces. Treads shall have smooth, rounded or chamfered exposed edges, and no abrupt edges at the nosing (lower front edge).
CBC Sec. 1133B.4.5.1
12. The radius of curvature at the leading edge of the tread shall be no greater than ½ inch.
CBC Sec. 1133B.4.5.1
13. Nosing shall not project more than 1½ inches past the face of the riser below.
CBC Sec. 1133B.4.5.2
14. Open risers are not permitted.
CBC Sec. 1133B.4.5.3
15. On any given flight of stairs, all steps shall have uniform riser height and uniform tread widths.
CBC Sec. 1133B.4.5.3
16. Stair treads shall be no less than 11 inches deep, measured from riser to riser.
CBC Sec. 1133B.4.5.
17. Risers shall be sloped or the underside of nosing shall have an angle not less than 60 degrees from the horizontal. See Figure 11B-35.
CBC Sec. 1133B.4.5.3

ADDITIONAL REQUIREMENTS:

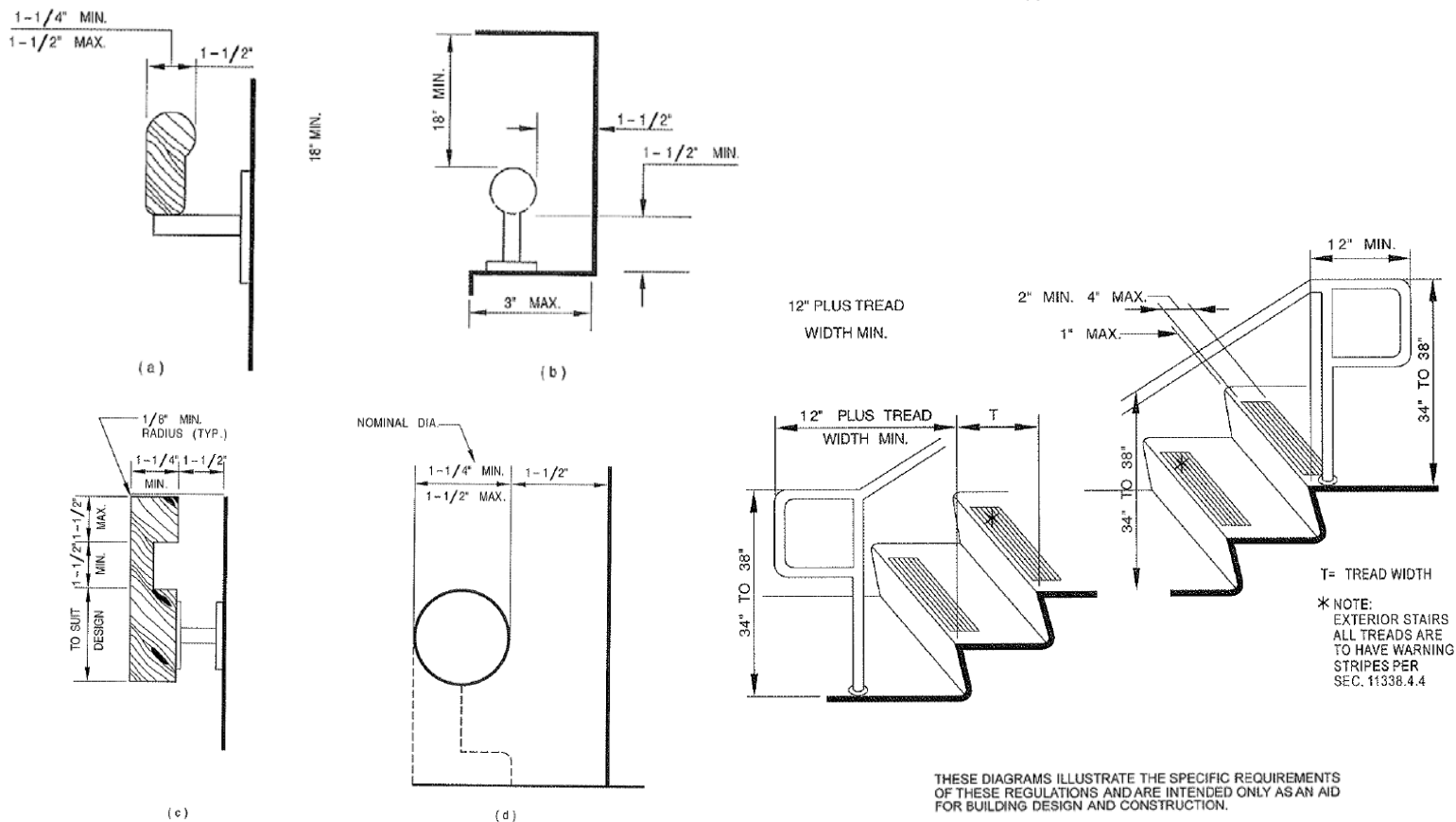
THIS DOCUMENT IS FOR PLAN REVIEW ONLY.
CORRECTION LIST IN ITS ENTIRETY MAY NOT BE REPRODUCED ON PLANS.

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X : EXTENSION OF HANDRAIL SHALL BE EQUAL TO THE TREAD WIDTH PLUS 12 INCHES.

THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.



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FIGURE 11B-35—WARNING STRIPING AND HANDRAIL EXTENSIONS

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